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INDEX TO AMERICAN BOTANICAL LITERATURE (1907)

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material; the word America being used in its broadest sense.

Reviews, and papers which relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omissions their kindness will be appreciated.

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- Abrams, L. R.** A new maple from Southern California. *Torreya* 7: 217-219. f. 1. 19 N 1907.
Acer bernardinum sp. nov.
- Allen, J. A.** Mutations and the geographic distribution of nearly related species in plants and animals. *Am. Nat.* 41: 653-655. 2 N 1907.
- Ascherson, P. & Graebner, P.** *Potamogetonaceae*. *Das Pflanzenreich* 4¹¹: 1-184. f. 1-36. 29 O 1907.
- Bailey, W. W.** Some African flowers. *Am. Bot.* 13: 30-33. O 1907.
- Bartlett, H. H.** Ueber das Vorkommen von *Juncus Dudleyi* Wiegand n Deutschland. *Allgem. Bot. Zeits.* 13: 147, 148. S 1907.
- Bennett, A.** Notes on *Potamogetonaceae*. *Jour. Bot.* 45: 373-377. 1 O 1907.
- Black, J. M.** Habitat of *Odontoglossum crispum*. *Orch. Rev.* 15: 326-328. N 1907.
- Blankinship, J. W.** *Plantae Lindheimerianae*. Part III. *Ann. Rep. Missouri Bot. Gard.* 1907: 123-223. 1907. [Illust.]
- Boulenger, G. A.** On the variations of the evening primrose (*Oenothera biennis* L.). *Jour. Bot.* 45: 353-363. 1 O 1907.
- Britton, E. G.** Notes on nomenclature VIII. *Bryologist* 10: 100, 101. 2 N 1907.

- Burrell, W. H.** *Leucobryum glaucum* Schp. Bryologist **10**: 107-111. *pl.* 12. 2 N 1907.
- Caldwell, O. W.** The teaching of botany in the high school. School Rev. **15**: 661-670. 1907.
- Campbell, D. H.** Studies on some Javanese *Anthocerotaceae*—I. Ann. Bot. **21**: 467-486. *pl.* 44-46. O 1907.
- Cannon, W. A.** An electric thermoregulator for paraffine baths and incubators. Plant World **10**: 262-264. *f.* 53. N 1907.
- Chandler, H. P.** Notes on two California Nemophilas. Bot. Gaz. **44**: 381, 382. 16 N 1907.
- Clute, W. N.** Our prairie sunflowers. Am. Bot. **13**: 25-27. O 1907. [Illust.]
- Collins, F. S.** Some new green algae. Rhodora **9**: 197-202. *pl.* 76. 26 O 1907.
Includes new species in *Pleurococcus*, *Chaetomorpha*, *Cladophora*, and *Vaucheria* (2), natives of the United States.
- Copeland, E. B.** Key to the families of vascular plants in the Philippine Islands. Philipp. Bur. Educ. Bull. **24**: 21-34. 1907.
- Copeland, E. B.** Outline of a year's course in botany. Philipp. Bur. Educ. Bull. **24**: 5-19. 1907.
- Crocker, W.** Germination of seeds of water plants. Bot. Gaz. **44**: 375-380. 16 N 1907.
- Dahlstedt, H.** Ueber einige südamerikanische *Taraxaca*. Ark. Bot. **6**¹²: 1-19. *f.* 1-8. 2 F 1907.
Includes *Taraxacum andinum* and *T. rhusiocarpum* spp. nov., natives respectively of Argentina and Patagonia.
- Daufun, M. H.** A teratological flower of *Campanula rotundifolia*. Plant World **10**: 265, 266. N 1907.
- Dean, B.** Notes on Asiatic museums. Pop. Sci. Mo. **71**: 481-497. *f.* 1-16. D 1907.
- Demetrio, C. H.** A list of the mosses collected in different parts of Missouri. Bryologist **10**: 103-106. 2 N 1907.
- Dismier, G.** Sur la valeur spécifique des épaississements intralamellaires des dents péristomiales dans les espèces du genre *Philonotis*. Rev. Bryol. **34**: 112-114. N 1907.
- Dobbin, F.** Concerning willows. Am. Bot. **13**: 33-36. O 1907.
- Drummond, J. R.** The literature of *Furcraea* with a synopsis of the known species. Ann. Rep. Missouri Bot. Gard. **1907**: 25-75. *pl.* 1-4. 1907.

- Dunham, E. M.** Mrs. Mary L. Stevens. *Bryologist* **10**: 106. 2 N 1907.
- Eaton, L. O.** Notes on plants of Chesterville, Maine. *Rhodora* **9**: 207, 208. 26 O 1907.
- Fernald, M. L.** *Salicornia europaea* and its representatives in eastern America. *Rhodora* **9**: 204-207. 26 O 1907.
- Fink, B.** Further notes on Cladonias — XIII. *Cladonia cristatella* and *Cladonia coccifera*. *Bryologist* **10**: 97-100. *pl. 11*. 2 N 1907.
- Gager, C. S.** The self-pruning of trees. *Jour. N. Y. Bot. Gard.* **8**: 252-254. N 1907.
- Gager, C. S.** The tardy defoliation of the trees. *Jour. N. Y. Bot. Gard.* **8**: 254. N 1907.
- Garrett, A. O.** Effect of fire on an apple tree. *Plant World* **10**: 264. N 1907.
- Gürke, M.** *Cactaceae* Florae Uruguayae auctore J. Arechavaleta. *Monats. Kakteenk.* **17**: 161-166. 15 N 1907.
- Gürke, M.** *Cereus anguinus* Gürke n. sp. *Monats. Kakteenk.* **17**: 166-171. 15 N 1907.
Native of Paraguay.
- Gürke, M.** *Echinocereus polyacanthus* Engelm. *Monats. Kakteenk.* **17**: 170, 171. 15 N 1907. [Illust.]
Native of the southwestern United States and Mexico.
- Hamet, R.** Monographie du genre *Kalanchoe*. *Bull. Herb. Boiss.* **II. 7**: 869-900. 31 O 1907.
- Harshberger, J. W.** An unusual method of vegetative reproduction in *Dionaea muscipula*. *Bot. Gaz.* **44**: 382, 383. *f. 1*. 16 N 1907.
- Harvey, J. C.** Orchid collecting in Mexico. *Orch. Rev.* **15**: 350, 351. N 1907.
- Harvey, L. H.** Branching sporangiophores of *Rhizopus*. *Bot. Gaz.* **44**: 382. *f. 1*. 16 N 1907.
- Hassler, E.** *Plantae paraguarienses novae vel minus cognitae* — VI. *Bull. Herb. Boiss.* **II. 7**: 917-931. 31 O 1907.
Includes descriptions of new species in *Peperomia* (3), *Polygala* (2), *Dryopteris* (2), *Polypodium*, *Elaphoglossum* (3), *Cyathea*, *Danaea*, *Odontonema*, *Justicia*, and *Solanum*.
- Hebden, T.** Some British Columbia lichens. *Bryologist* **10**: 101, 102. 2 N 1907.
- Hemsley, W. B.** *Shortia uniflora*. *Curt. Bot. Mag.* **IV. 3**: *pl. 8166*. N 1907.
Native of Japan. Notes appended on several American *Diapensiaceae*.

- Holm, T.** *Anemonella thalictroides* (L.) Spach; an anatomical study. Am. Jour. Sci. IV. **24**: 243-248. *f.* 1-5. S 1907.
- Holm, T.** Studies in the *Cyperaceae* — XXV. Notes on *Carex*. Am. Jour. Sci. IV. **23**: 422-432. *f.* 1-13. Je 1907.
- Howe, M. A.** Phycological studies — III. Further notes on *Halimeda* and *Avrainvillea*. Bull. Torrey Club **34**: 491-516. *pl.* 25-30. 17 D 1907.
Includes *H. simulans* sp. nov., native of the West Indies.
- Humphrey, H. B.** The marine biological laboratory of the Leland Stanford Jr. University. Plant World **10**: 245-250. *f.* 47-49. N 1907.
- Hus, H. T. A.** An abnormal *Odontoglossum Cervantesii*. Ann. Rep. Missouri Bot. Gard. **1907**: 95-97. *pl.* 9. 1907.
- Hus, H. T. A.** The germination of *Hydrastis canadensis*. Ann. Rep. Missouri Bot. Gard. **1907**: 85-94. 1907. [Illust.]
- Hus, H. T. A.** Virescence of *Oxalis stricta*. Ann. Rep. Missouri Bot. Gard. **1907**: 99-108. *pl.* 10, 11 + *f.* 1-4. 1907.
- Kellerman, W. A.** Obituary: Professor A. P. Morgan. Jour. Myc. **13**: 233-236. 30 N 1907. [Illust.]
- Kellerman, W. A.** Saccardo's recent arrangement and nomenclature of the fungi. Jour. Myc. **13**: 242-246. 30 N 1907.
- Kneucker, A.** Bemerkungen zu den "*Cyperaceae* (exclus. *Carices*) et *Juncaceae* exsiccatae" VI Lieferung 1907. Allgem. Bot. Zeits. **13**: 29-32. F 1907; 48-51. Mr 1907; 65-67. Ap 1907.
Many American species included.
- Knight, O. W.** Three plants from Maine. Rhodora **9**: 202-204. 26 O 1907.
- Lager, J. E.** Collecting orchids. Trans. Mass. Hort. Soc. **1907**: 37-49. 1907.
- Leather, J. W.** Schreiner and Reed on deleterious excretions by roots. Torrey **7**: 220, 221. 19 N 1907.
- Leue, A.** List of trees growing in the parks of Cincinnati, arranged according to their natural order. Ann. Rep. Park Dept. Cincinnati **1906**: 46-51. 1907.
- Liebelsperger, W. H.** Some rare and interesting plants of Berks County, Pennsylvania. Torrey **7**: 214-217. 19 N 1907.
- Life, A. C.** Effect of light upon the germination of spores and the gametophyte of ferns. Ann. Rep. Missouri Bot. Gard. **1907**: 109-122. *f.* 1, 2. 1907.

- Lloyd, F. E.** Pima Cañon and Castle Rock in the Santa Catalina Mountains. *Plant World* **10**: 251-259. *f.* 50-52. N 1907.
- Loeske, L.** Zur Systematik der europäischen *Brachythecieae*. *Allgem. Bot. Zeits.* **13**: 1-3. Ja 1907: 21-23. F 1907.
Contains references to American species.
- Lorenz, A.** Notes from Waterville, New Hampshire — II. *Bryologist* **10**: 102, 103. 2 N 1907.
- Lovejoy, A. O.** The place of Linnaeus in the history of science. *Pop. Sci. Mo.* **71**: 498-508. D 1907.
- Lutz, A. M.** A preliminary note on the chromosomes of *Oenothera Lamarckiana* and one of its mutants, *O. gigas*. *Science* II. **26**: 151, 152. 2 Au 1907. [Illust.]
- Mazza, A.** Saggio di algologia oceanica. *Nuova Notar.* **18**: 1-36. Ja 1907; 67-98. Ap 1907; 126-152. Jl 1907; 177-195. O 1907.
- Moore, S. L.** *Alabastra diversa* — Part XIV. 4. Note on some South American plants. *Jour. Bot.* **45**: 404-406. 1 N 1907.
Includes *Jacaranda Roberti* sp. nov., native of Brazil.
- Morgan, A. P.** North American species of *Agaricaceae*. The *Melanosporae*. *Jour. Myc.* **13**: 53-62. 30 Ap 1907; 143-153. 25 Jl 1907; 246-255. 30 N 1907.
- Murrill, W. A.** *Polyporaceae*. *N. Am. Fl.* **9**: 1-72. 19 D 1907.
- Nash, G. V.** The Ames collection of orchids. *Jour. N. Y. Bot. Gard.* **8**: 250-252. N 1907.
- Nash, G. V.** A visit to Letchworth Park. *Torreya* **7**: 209-214. 19 N 1907.
- Norén, C. O.** Zur Entwicklungsgeschichte des *Juniperus communis*. *Uppsala Univ. Arsk. Mat. & Natur.* **1907**¹: 1-64. *pl.* 1-4. 1907.
- Norton, A. H.** The dwarf mistletoe on the southeastern coast of Maine. *Rhodora* **9**: 208. 26 O 1907.
- Pace, L.** Fertilization in *Cypripedium*. *Bot. Gaz.* **44**: 353-374. 16 N 1907. [Illust.]
- Petrak, F.** Zur Systematik der Gattung *Adoxa*. *Allgem. Bot. Zeits.* **13**: 92-94. Je 1907.
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- Reed, H. S.** The value of certain nutritive elements to the plant cell. *Ann. Bot.* **21**: 501-543. *f.* 1, 2. O 1907.
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- Rolfe, R. A.** *Cattleya labiata*. *Orch. Rev.* 15: 335, 336. N 1907.
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- Rosenstock, E.** Beiträge zur Pteridophytenflora Südbrasilens. *Hedwigia* 46: 145-167. 15 F 1907.
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- Schrenk, H. von.** Branch cankers of *Rhododendron*. *Ann. Rep. Missouri Bot. Gard.* 1907: 77-80. 1907. [Illust.]
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- Schuster, J.** Zur Systematik von *Castalia* und *Nymphaea*. *Bull. Herb. Boiss.* II. 7: 853-868. 30 S 1907; 901-916. 31 O 1907.
- Setchell, W. A.** Two new hypogaeous *Secotiaceae*. *Jour. Myc.* 13: 236-241. pl. 107. 30 N 1907.
Secotium tenuipes and *Elasmomyces russuloides* spp. nov., natives of California.
- Stephani, F.** Species *Hepaticarum*. *Bull. Herb. Boiss.* II. 7: 837-852. 30 S 1907.
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Includes descriptions of 14 new American species of *Sphagnum*.
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- Winslow, E. J.** Notes on spore dispersal in *Sphagnum*. Bryologist **10**: 111. 2 N 1907.
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